

In The Specification:

Page 1, line 14: after the words "This is" insert:

-- a continuation of Application Serial No. 08/838,126, filed April 15, 1997, which ^{now U.S. Patent} ~~6,039,745~~

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is a continuation of Application Serial No. 08/537,630, filed October 2, 1995, now U.S. Patent No. 5,695,517, which is a division of Application Serial No. 08/324,893, filed October 18, 1994, now U.S. Patent No. 5,507,769, which is --

~~3 added to spec.~~
Page 1, line 16: change "co-pending" to --U.S. Patent No. 5,443,477--

On page 10, line 21: delete "and".

NE -- On page 11, line 3, change "." to -- ; --.

On page 11, after line 3: insert the following -- Fig. 23 is a perspective view of the

distal end of a catheter which supports a preshaped balloon; and

Fig. 24 is a cross-section as in Fig. 6, showing the preshaped balloon of Fig. 23.--

On page 16, line 17: after "preshaped balloon" insert --61--.

On page 26, line 10: after "balloon" insert -- 61--.

In The Claims:

Please cancel claims 1-47, without prejudice, and substitute the following new claims 48-57 therefore:

-- 548. A method for endoluminally excluding an aortic aneurysm in a patient's vascular system, comprising the steps of:

advancing through each branch of the patient's femoral and iliac system a respective graftstent complex, each graftstent complex comprising a first stent, a second stent and

a graft connected between said first and second stents, said second stent being a self-expanding stent;

positioning said first stents relative to each other in a common region of normal aortic tissue on one side of the aneurysm;

deploying each of said positioned first stents in the common region; and

deploying each of said second stents in the iliac arteries.

6 ~~49.~~ ⁵ The method as in claim ~~48~~, wherein each graftstent complex is advanced within a delivery catheter.

7 ~~50.~~ ⁶ The method as in claim ~~49~~, wherein said delivery catheter includes a guidesheath.

8 ~~51.~~ ⁷ The method as in claim ~~50~~, including wherein said second stents are deployed upon retraction of the guidesheath.

9 ~~52.~~ ⁵ The method as in claim ~~48~~, wherein the step of deploying said second stents comprises maintaining the position of the second stents relative to the patient's vasculature while withdrawing the guidesheath proximally.

10 ~~53.~~ A method for endoluminally excluding an aortic aneurysm in a patient's vascular system, comprising the steps of:

advancing through each branch of the patient's femoral and iliac system a

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a

respective graftstent complex, each graftstent complex comprising a first stent, a second stent and a graft connected between said first and second stents, said first stent having at least one barb for securing the position of the first stent within the patient's vascular system;

positioning said first stents relative to each other in a common region of normal aortic tissue on one side of the aneurysm;

deploying each of said positioned first stents in the common region; and

deploying each of said second stents in the iliac arteries.

1 / 54. An intraluminal delivery system, comprising:

a delivery sheath;

a catheter slidably positioned within the delivery sheath; and

a graftstent complex which includes a self-expanding stent, a second stent, and a graft connected between the stents, the graftstent complex being supported on the catheter within the delivery sheath.

2 / 55. The intraluminal delivery system of claim 54, wherein the second stent is a mechanically-expandable stent.

4 / 56. An intraluminal delivery system, comprising:

a delivery sheath;

an expansion catheter having a radially-expandable element, the expansion

catheter being slidably positioned within the delivery sheath; and

a graftstent complex which includes a mechanically-expandable stent, a self-expanding stent and a graft connected between the stents, the mechanically-expandable stent being supported on the radially-expandable element while the graft and self-expanding stent are seated proximal to the radially-expandable element and within the delivery sheath.

3 57. The intraluminal delivery system of claim 54, wherein the expansion catheter is a balloon catheter and wherein the radially-expandable element is an inflation balloon. --

In The Abstract:

Please substitute the following new Abstract for the original Abstract. A duplicate copy of the new Abstract is provided on a separate sheet. (used abstract on a

-- Disclosed is a method for excluding a pathological defect such as an aortic aneurysm. By the disclosed method, a graftstent complex is advanced through each branch of the patient's femoral and iliac system. The graftstent complex includes a segment of graft material attached at each end to a respective stent. The cephalic stents of each graftstent complex are positioned relative to one other in a common region of normal aortic tissue on one side of the aneurysm and then deployed. The caudal stents are deployed in the iliac arteries. Additional steps can be taken to ensure that the internal iliac artery is not blocked when the caudal stents are deployed.--